

REMARKS

The present Supplemental Amendment is in further response to the Office Action dated August 15, 2005 and the Amendment filed on November 15, 2005. The Amendment filed on November 15, 2005 inadvertently includes a typographical error in the first full paragraph on page 9. The paragraph should read:

"The Cited Prior Art Karim Patent Fails to Teach All the Claim Limitations

Applicant respectfully submits that the cited prior art Karim patent fails to teach all the claim limitations of the independent claims 1 and 16. As described above, independent claims 1 and 16 include similar claim limitations directed to "deriving the difference between absolute values of samples of the OFDM signal separated by a period corresponding to the useful symbol period". Accordingly, it is respectfully submitted that since Karim fails to disclose this feature, the cited prior art Karim fails to disclose every claim limitation of the independent claims. The Examiner, therefore, is respectfully requested to withdraw the rejection of independent claims 1 and 16."

When preparing the Amendment, the wrong section of claim 1 was inadvertently copied into the paragraph. The undersigned attorney apologizes for any inconvenience caused by this typographical error.

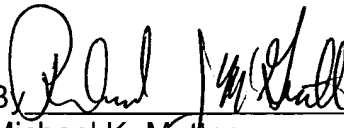
Conclusion

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Richard J. McGrath (Reg. No. 29,195) at the telephone number of (703) 205-8000, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Dated: December 7, 2005

Respectfully submitted,


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